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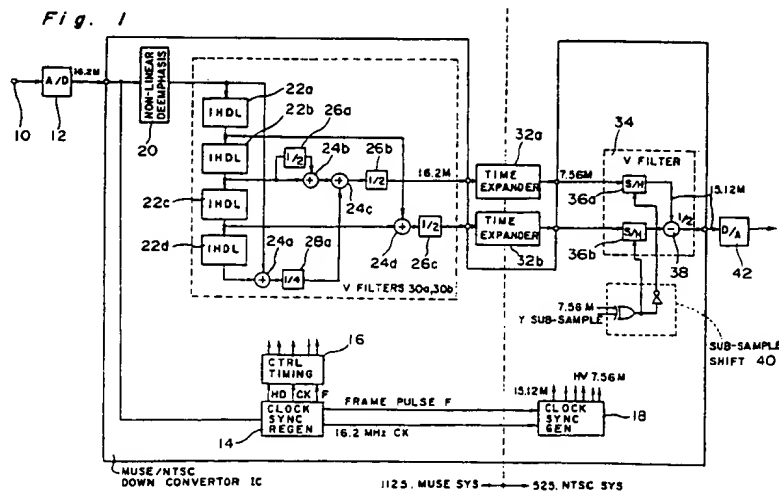
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(54) **Television signal convertor.**

(57) A convertor for converting a sub-sample television signal such as MUSE signal, which is obtained from a high density television signal by way of offset sub-sampling the horizontal scan lines of the high density television signal and time compressing the transmission band, to a standard television signal includes odd field and even field vertical filters (30a,30b) for filtering odd lines and even lines in the

MUSE signal, and time base expanders (32a,32b) for selecting predetermined lines from the lines filtered by the odd and even field vertical filters and for expanding on time base the selected predetermined lines. Also, another vertical filter (34) is provided for processing the signal from the time base expanders according to the sub-sampling phase.



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EUROPEAN SEARCH REPORT

Application Number

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| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|---|--|---|---|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int. Cl.5) |
| A | IEEE TRANSACTIONS ON CONSUMER ELECTRONICS vol. 35, no. 3, August 1989, NEW YORK, US pages 142 - 150; M. ITOGA ET AL.: 'MUSE/NTSC Converter' * page 143, left column, line 1 - line 5 * * page 144, left column, line 1 - page 148, right column, line 15 * * figures 3-8, 13 * --- | 1-2 | H04N7/01 |
| A | SIGNAL PROCESSING OF HDTV, II Proceedings of the Third International Workshop on HDTV; Turin, Italy, 30.08.-1.09.1989 Y. MITZUTANI et al.: 'Scanning Line Conversion from MUSE to EDTV'; pages 657-664 * the whole document * --- | 1-2 | |
| A | US-A-4 661 850 (STROLLE ET AL.) * abstract; figure 1 * ----- | 1-2 | |
| | | | TECHNICAL FIELDS SEARCHED (Int. Cl.5) |
| | | | H04N |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 20 MAY 1992 | Examiner SCHINNERL A. |
| CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons * : member of the same patent family, corresponding document | | | |

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